

WHAT IS CLAIMED IS:

1. A mobile communication system including a plurality of radio base stations which are connected to a common telecommunication network via a wired circuit, and communicate with mobile

5 stations via radio circuits, said mobile communication system comprising:

wired circuit side controllers installed in said plurality of radio base stations, respectively, to carry out control processing via the wired circuit; and

10 a master base station that consists of at least one of said plurality of radio base stations with the remaining radio base stations being set as slave base stations, and includes a radio circuit side controller for carrying out the control processing via the radio circuits.

15

2. The mobile communication system according to claim 1, further comprising a base station maintenance control unit including a wired circuit side controller that is connected to said telecommunication network via a wired circuit, and carries  
20 out the control processing via the wired circuit, wherein said base station maintenance control unit controls maintenance processing of said radio base stations by causing said wired circuit side controller to exchange maintenance information with the wired circuit side controllers of said individual radio  
25 base stations.

25

3. The mobile communication system according to claim 1, said plurality of radio base stations exchange control signals with each other by said wired circuit side controllers installed in  
30 said plurality of radio base stations via the wired circuit and

30

telecommunication network.

4. The mobile communication system according to claim 1,  
further comprising a signal multiplexer that is connected to  
5 said telecommunication network via the wired circuit to transfer  
control signals between said plurality of radio base stations  
and said telecommunication network, and that multiplexes the  
control signals to be transmitted from said plurality of radio  
base stations to said telecommunication network side, and  
10 transmits the multiplexed control signals to said  
telecommunication network side via the wired circuit.

5. A master base station consisting of at least one of a  
plurality of radio base stations that are connected to a common  
15 telecommunication network via wired circuits, communicate with  
mobile stations via radio circuits, and include wired circuit  
side controllers, respectively, for carrying out control  
processing via the wired circuits, said master base station  
comprising:

20 a radio circuit side controller for carrying out control  
processing via the radio circuits, wherein

said master base station controls said radio base stations  
other than said master base station as slave base stations.

25 6. A slave base station of a mobile communication system  
including a plurality of radio base stations that are connected  
to a common telecommunication network via wired circuits, and  
communicate with mobile stations via radio circuits, at least  
one of said plurality of radio base stations being made a master  
30 base station, and the radio base stations other than said master

base station being made a slave base station, said slave base station comprising:

a wired circuit side controller for carrying out control processing via the wired circuit, wherein

- 5 the control processing of said slave base station via its own radio circuit is carried out by said master base station.